

REMARKS

In accordance with the foregoing, claims neither have been amended nor cancelled. No new matter is being presented, and approval and entry of the foregoing amendments are respectfully requested. Claims 1-20 are pending and under consideration.

OBJECTIONS TO THE DRAWINGS:

At page 2 of the Office Action, the Examiner objects the drawings.

In particular, the Examiner has pointed out that the drawings presently fail to illustrate the elements discussed in paragraphs [0022]-[0040], for example.

Accordingly, new FIG. 4 has been added, including illustrations corresponding to this portion of the specification. Upon inspection, it will be noticed that FIG. 4 merely illustrates a blown-up portion of FIG. 2. In addition, the specification has been amended to both reference to new FIG. 4 and properly reference to FIGS. 3A and 3B.

Lastly, it is noted that new FIG. 4 was previously submitted in the Korean Application 2002-000054544, previously submitted as the priority document of the present application, and as detailed in paragraph [0001], incorporated into the present application by reference.

Accordingly, both because this FIG. 4 has previously been incorporated into the present application by reference, and as FIG. 4 has already been discussed in detail in paragraphs [0022] – [0040] in the present application, entry of this new drawing is respectfully requested.

In view of the above, withdrawal of this objection is respectfully requested.

REJECTIONS UNDER 35 U.S.C. §103:

At page 3 of the Office Action, the Office Action has rejected claims 1-20 under 35 U.S.C. §103(a) as being unpatentable over Yamamoto et al. (US Patent No. 6,535,703) in view of Nitta et al. (Japanese Patent No. 2002-276999). The rejection is respectfully traversed and reconsideration is requested.

At page 4 of the outstanding office action, the Office Action admits that Yamamoto et al. fails to disclose the photocatalytic body coated with a photocatalyst, a plasma electrode disposed on the photocatalytic body and a plasma generator coupled to the plasma electrode to filter and deodorize the air. However, the Examiner asserts that Yamamoto et al. discloses “a wet type image forming apparatus 1 having a printer body 6 comprising a discharge passage 20 through which air inside the printer body is discharged out to the printer body.”

It is respectfully submitted that the Office Action may be based on a misunderstanding that an introducing pipe 20 corresponds to the claimed discharge passage and a blow nozzle 20 corresponds to the claimed discharging fan. Furthermore, the Office Action insists that Nitta et al. discloses a filter in the form of a photocatalytic filter having a photocatalytic body coated with a photo catalyst and a plasma electrode disposed on the photocatalytic body and a plasma generator coupled to the plasma electrode to filter and deodorize the air. Applicants respectfully disagree.

Conversely, Nitta et al. merely discloses a filter in the form of absorbent material, photocatalytic + absorbent material or plasma + absorbent material but fails to disclose or suggest plasma + photocatalytic (Paragraph [0002]).

It is respectfully submitted that neither Yamamoto et al. nor Nitta et al., either alone or in combination, teach or suggest a photocatalytic filter positioned inside the discharge passage, having a photocatalytic body coated with a photocatalyst, a plasma electrode disposed on the photocatalytic body, and a plasma generator coupled to the plasma electrode to filter and deodorize the air inside the printer body as recited in claim1.

Therefore, for at least the above reasons, it is respectfully submitted that claim 7 is also in condition for allowance, as well as for the additional features recited therein.

Further, Applicants respectfully submit that claims 2-6 and 8-20 which depend from independent claims 1 and 7, respectively, should be allowable for at least the same above reasons, as well as for the additional features recited therein.

CONCLUSION:

In accordance with the foregoing, it is respectfully submitted that all outstanding objections and rejections have been overcome and/or rendered moot. And further, it is respectfully submitted that all pending claims patentably distinguish over the prior art. Thus, there being no further outstanding objections or rejections, the application is submitted as being in condition for allowance which action is earnestly solicited.

If the Examiner has any remaining issues to be addressed, it is believed that prosecution can be expedited by the Examiner contacting the undersigned attorney for a telephone interview to discuss resolution of such issues.

Serial No. 10/649,773

Docket No. 1349.1233

If there are any additional fees associated with the filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

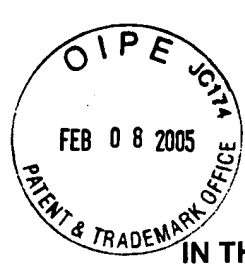
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IN THE DRAWINGS:

Please ADD new FIG. 4, which corresponds to at least paragraphs [0022] – [0040], illustrating a blown-up portion of corresponding elements in FIG. 2.